

## Model Long-Term Exposure and Effects

### **Current Focus**

Model refinement using collected data



### Watershed Studies

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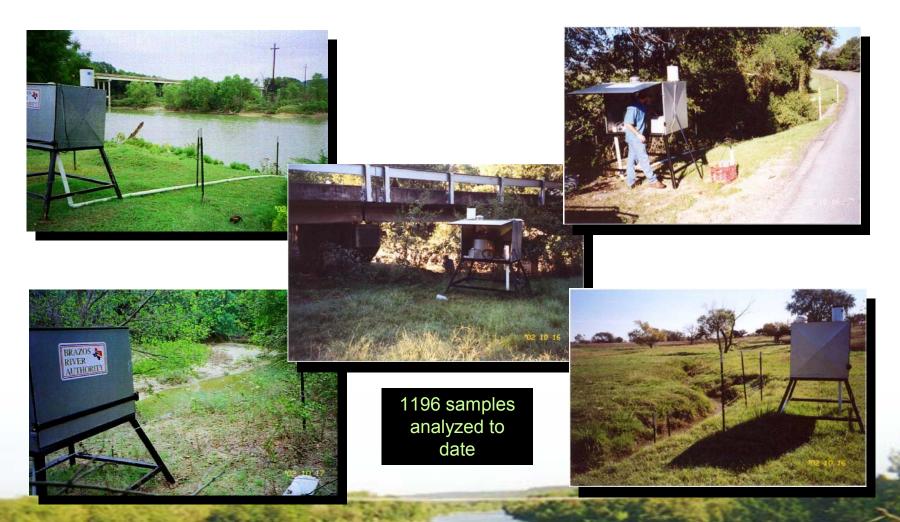


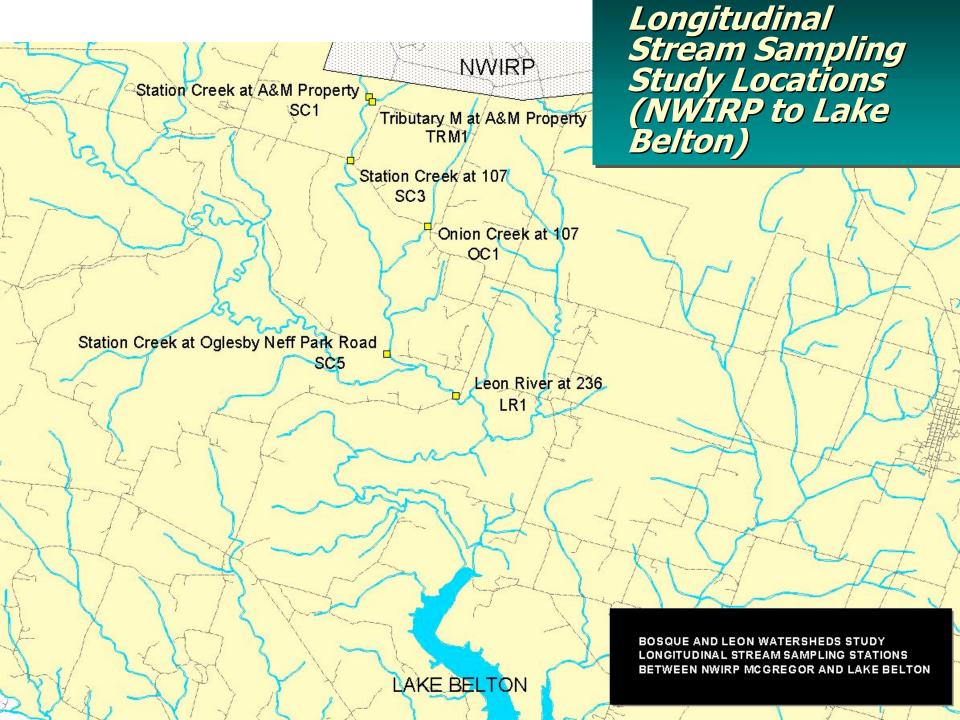
## Watershed Study Components

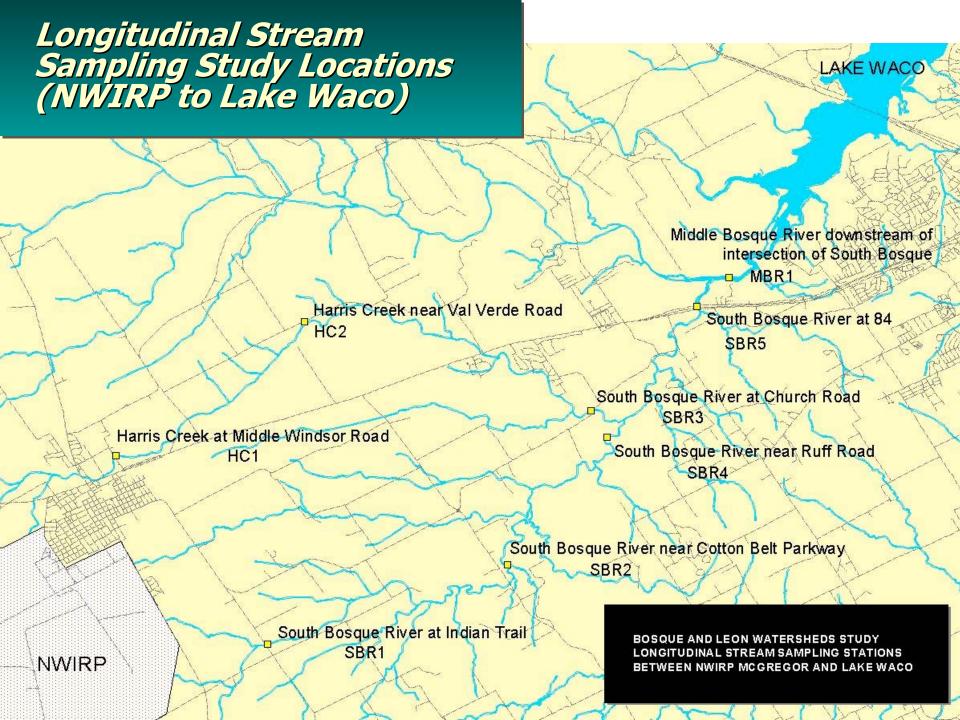
- Longitudinal stream sampling (bi-weekly and storm events)
- Belton & Waco delta area sampling (surface water, sediment pore water, algae, & golf course intake sampling from Lake Waco)
- Lake Belton Acoustic Doppler Current Profiler flow analysis
- Lake Belton Anoxic study
- Groundwater dye tracer study (Discontinued)

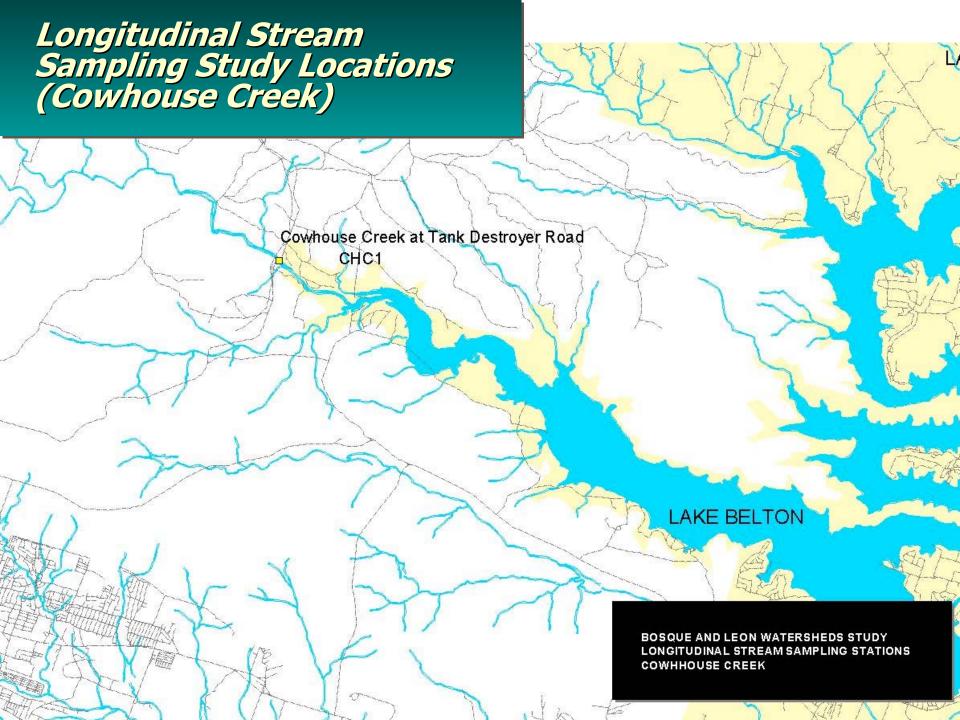


## Automated Sampling Stations installed throughout watersheds





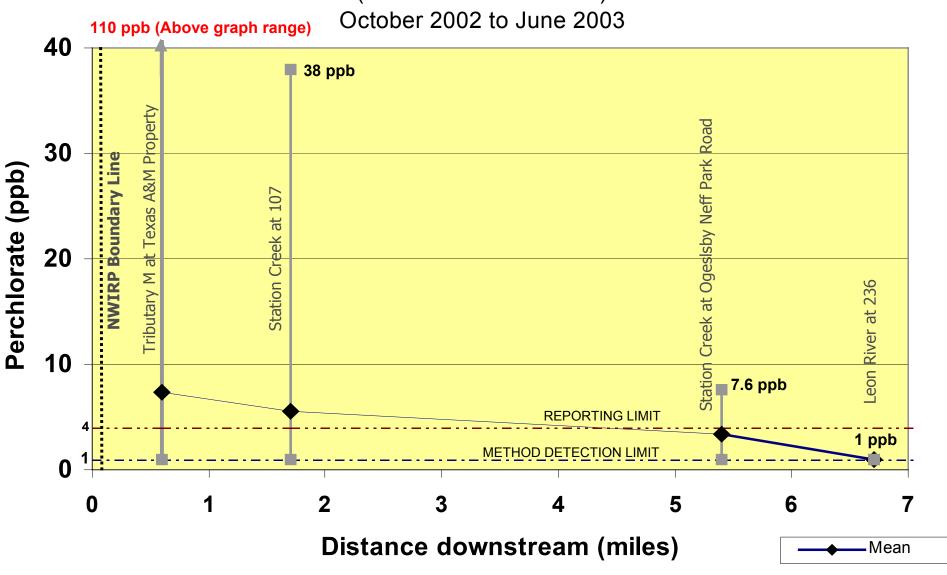




## Longitudinal Stream Sampling Study Perchlorate Concentrations

#### **Surface Water Perchlorate Concentrations**

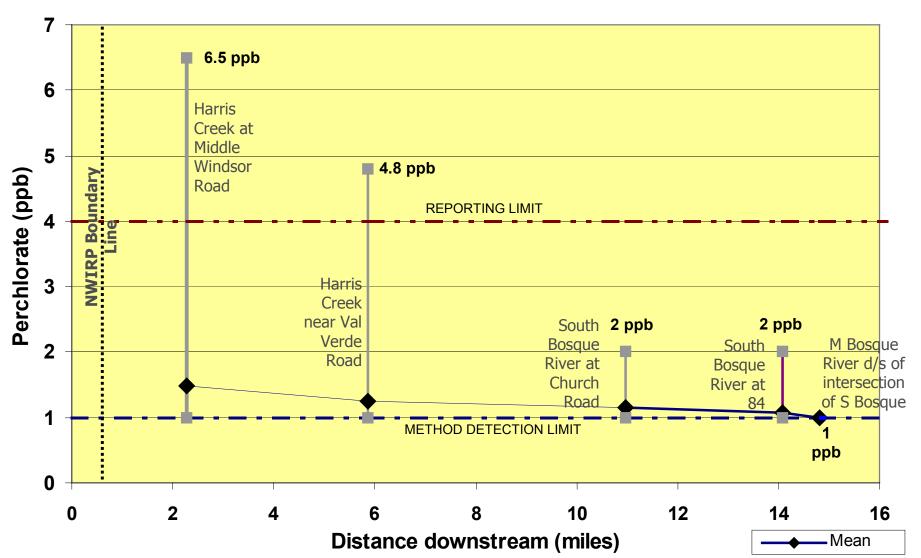
(NWIRP to Lake Belton)



#### Longitudinal Stream Sampling Study Perchlorate Concentrations

#### **Surface Water Perchlorate Concentrations**

(NWIRP to Lake Waco) October 2002 to June 2003





## Conceptual Site Model "Gaining" Stream

